

# Synthesis of RTH-type Zeolites Using a Diverse Library of Imidazolium Cations

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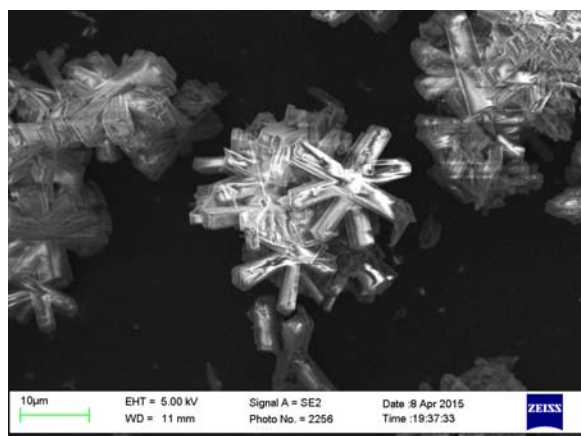
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## Supporting Information

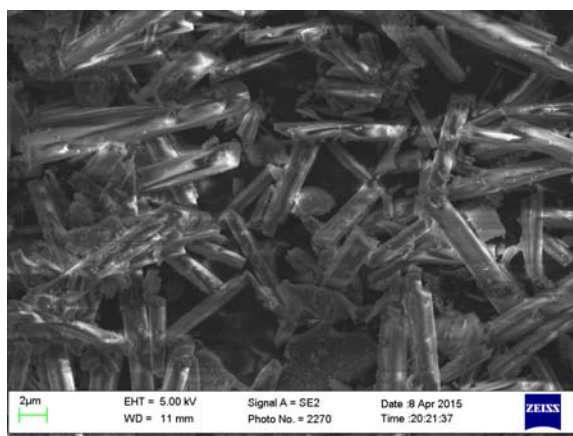
Representative SEM images of selected samples. References to specific SDAs and synthesis conditions can be found in Table 2.

### Si/Al=20, fluoride media

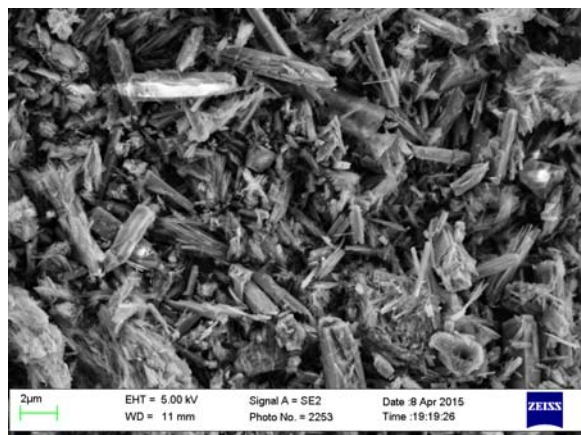
S1



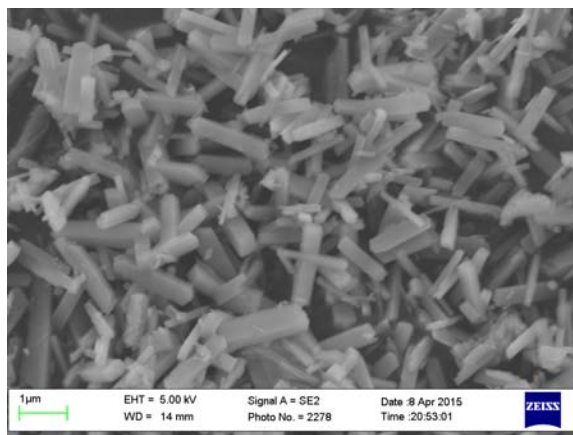
S5



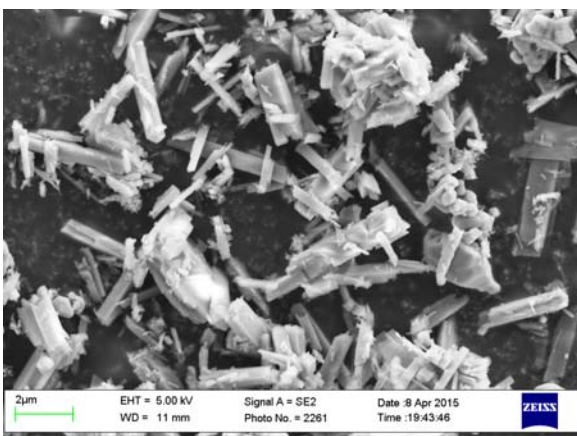
S7



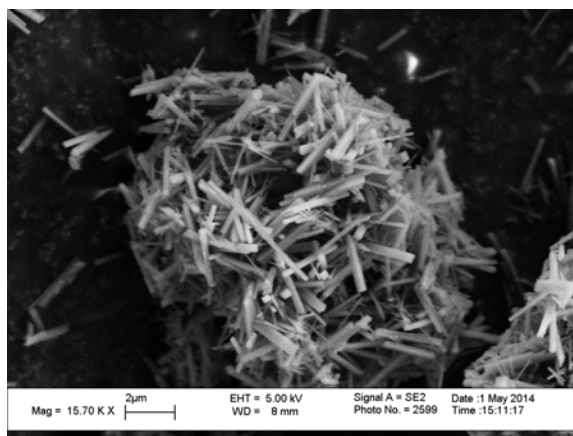
S11



S14

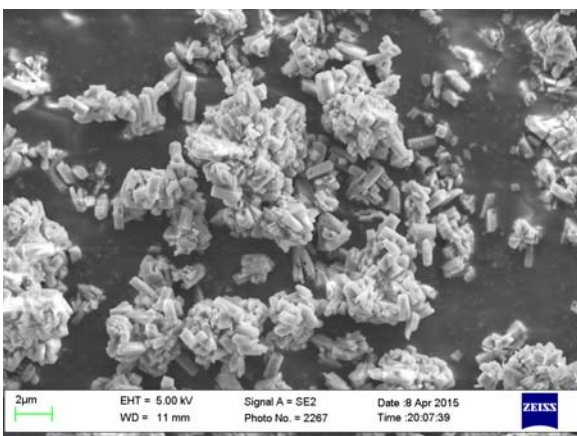


S16

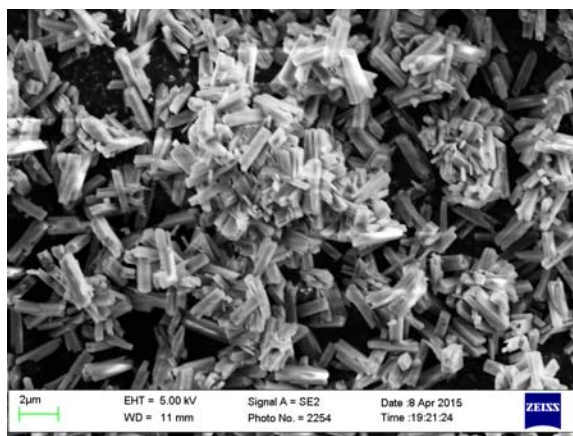


Si/Al=15, seeds

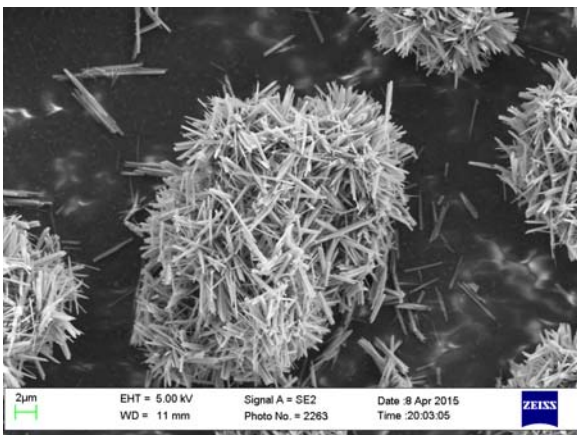
S6



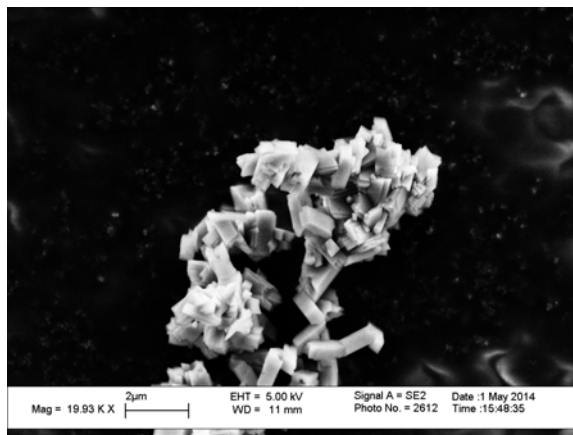
S8



S15

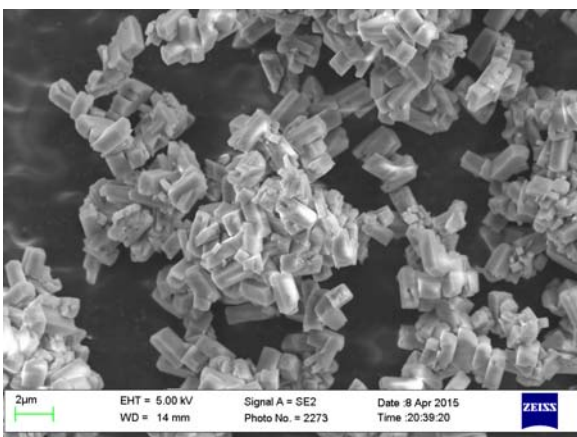


S17

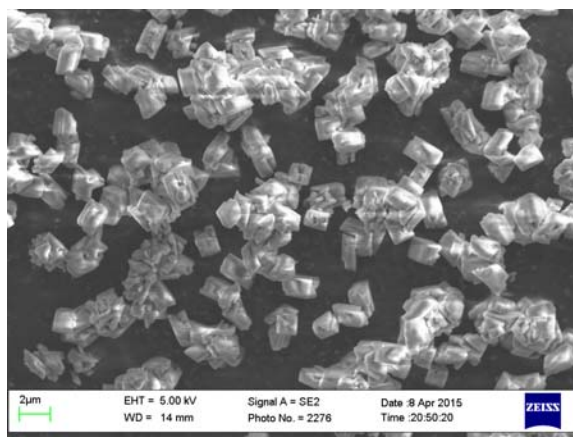


**Si/Al=15, no seeds**

S2

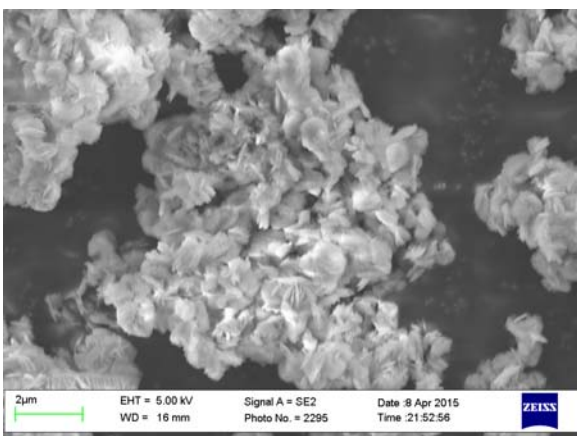


S9

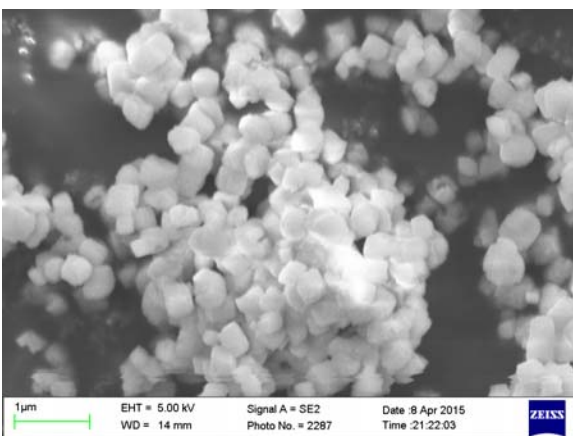


**CBV720, seeds**

S10



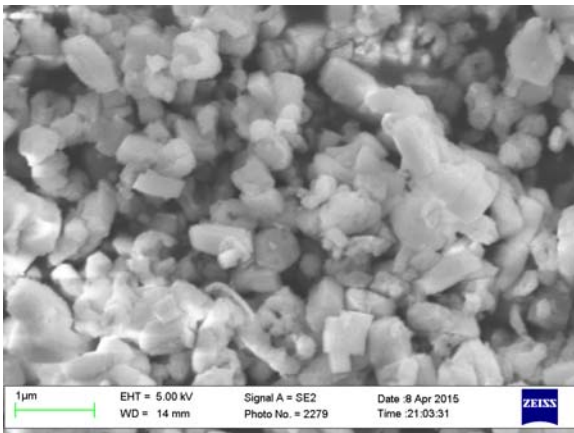
S12



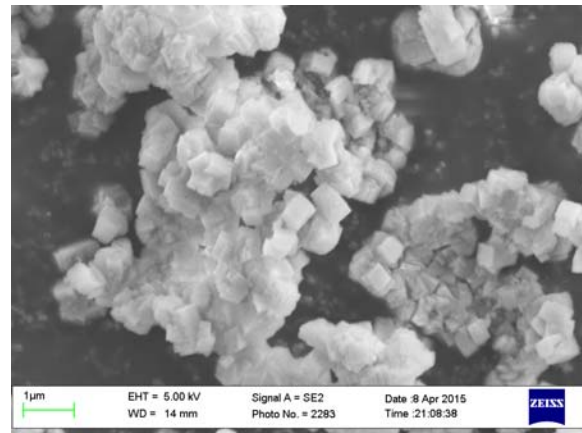


**CBV720, no seeds**

S3

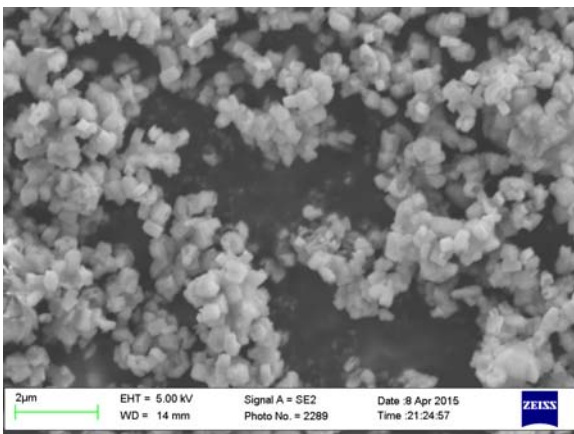


S18

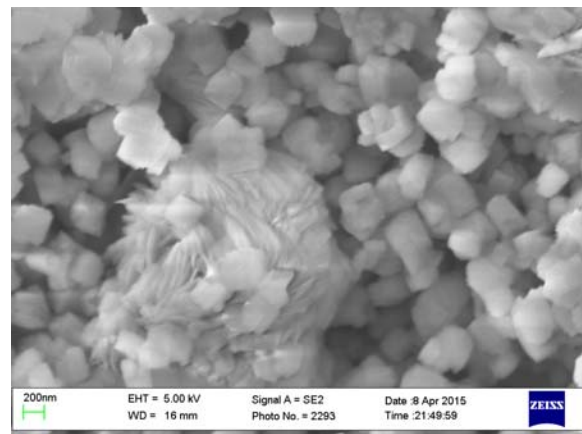


**CBV760, seeds**

S4



S13



**CBV760, no seeds**

S19

